AEE/SDD/SHE/000020 dt. 16/11/17

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

No. ***First & Final Bill*** Date.....2017

Division: **BBMP, Dasarahalli** Sub-Division: **BBMP, Shettyhalli**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....
Sub Divisional **Work Code: 013-16-000032**
Schedule Docket No. Head of Account: **P-3089** **Est.Cost: 50.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate: **Improvements and Asphalting to Main and Cross Roads at BHEL Mini Colony in Ward No: 13 in Shettyhalli Sub Division.**

Name of Contractor and Full Address: ***Sri.B.T. Ravi Kumar, Contractor, # 129, 3rd Main Road, HVR Layout, Magadi Main Road, Bangalore – 560 079.***

Reference to Agreement No. **EE/DD/BBMP/ WO/126/2016-17** Date: **21.02.2017**

Certified that the measurements were taken by me on 24/10/2017 and recorded of **Pages** 60001 **to** 60014 of measurement Book No. 601 and that the work is satisfactorily executed.

B.T. Ravi Kumar 17.18
Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 24/10/2017 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer
ಸಹಾಯಕ ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	1st and Finall Bill → 4154020=00
2)	Deduct amount to be held in reserve being .....percent Rs.....	
3)	" Balance	
4)	Deduct Payment:	
	a. Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount	
	adjusted towards cash advance recovery of	SI → 41540=00
	b. Payments Now made } cost store or other material supplied.	CRF → 4154=00
	recovery of amount creditable to this/other work	LR → 51925=00
	Amount paid on this bill Cheque / Cash.	LOC → 415740=00
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	Net → 4014861=00
8)	Advance to Contractor for materials brought to site (as detailed) within:	
9)	Value of Government materials supplied.	
	Total amount adjusted -	139159=00

B.T. Ravi Kumar
Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Witness
1.
2.

(For use in the Office)

Dated Signature of Contractor
Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

B.T. Ravi Kumar
Stamp

Audited and admitted for Rs. 4154020=00
Passed by Cheque for Rs. 4014861=00
(.....)
.....
Executive Engineer
139159=00
Asst. Engineer

Initials of Officer making payment

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Sl No			Previous Measurement		Present Measurement			Total Upto Date		Remarks
			Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
1	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications etc., complete and as per the directions of the Engineer-in-charge of the work.		-	-	396.09	70.15	27784.00	396.09	27784.00	
2	Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing etc., complete and as per the directions of the Engineer-in-charge of the work.	C	-	-	66.02	4335.54	286232.00	66.02	286232.00	
3	Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal**, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc. including cost of all materials, labour, HOM of machinery, curing, etc., complete and as per the directions of the Engineer-in-charge of the work.	Cum	-	-	260.01	5131.30	1334189.00	260.01	1334189.00	
4	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery etc., complete and as per the directions of the Engineer-in-charge of the work.	Qtl	-	-	158.44	5779.08	915637.00	158.44	915637.00	
5	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface such as walls** at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour etc., complete and as per the directions of the Engineer-in-charge of the work.	Sqm	-	-	2053.80	253.93	521516.00	2053.80	521516.00	
6	Supplying & laying reinforced cement precast slabs of mix CC 1:1.5:3 using 20 m and down size graded granite metal using HYSD 10 mm dia steel @ 100 mm c/c both ways etc., complete and as per the directions of the Engineer-in-charge of the work.	Cum	-	-	99.90	1349.60	134825.00	99.90	134825.00	
7	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications etc., complete and as per the directions of the Engineer-in-charge of the work.	Cum	-	-	86.40	40.99	3542.00	86.40	3542.00	
8	Providing, laying spreading and compacting graded stones aggregate to wet mix macadam specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc., complete and as per the directions of the Engineer-in-charge of	Cum	-	-	72.00	1445.73	104092.00	72.00	104092.00	
9	Providing and applying primer coat with S.S bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means etc., complete and as per the directions of the Engineer-in-charge of the work.	Sqm	-	-	288.00	27.33	7871.00	288.00	7871.00	
10	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries etc., complete and as per the directions of the Engineer-in-charge of the work.	Sqm	-	-	2223.00	2.73	6075.00	2223.00	6075.00	
11	Providing and applying **tack coat** using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding clearing of road surface) including cost of all materials, labour, HOM of machineries etc., complete and as per the directions of the Engineer-in-charge of the work.	Sqm	-	-	2223.00	12.75	28352.00	2223.00	28352.00	
12	Providing and laying **bituminous concrete 30- 40mm** thickness hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desire compaction as per MORTH specification clause No. 500.9 complete In all respects with using 40 / 60 TPH capacity with Senspr Paver Gr-II with 6% VG - 30 bitumen etc., complete and as per the directions of the Engineer-in-charge of the work.	Sqm	-	-	88.92	8334.56	741109.00	88.92	741109.00	
13	Carriage of mixed materials 10 kms etc., complete and as per the directions of the Engineer-in-charge of the work.	Cum	-	-	160.92	66.27	10665.00	160.92	10665.00	
14	Disposal of debris to the final place of disposal with all lead and lift to lead of 0 to 2 kms distance by using private vehicle this includes the cost fo loading and unloading charges etc., complete and as per the directions of the Engineer-in-charge of the work.	Cum	-	-	482.49	66.61	32139.00	482.49	32139.00	
		Total					4154028.00		4154028.00	

Certificate:

1. The above work done satisfactory and no materials issued from departmentally.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಪೆರಿಫೆರಲ್ ರಿಂಗ್ ರೋಡ್, ಮಾಗಡಿ ರಸ್ತೆ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರಾಜಾಜಿನಗರ, ಬೆಂಗಳೂರು

Executive Engineer
B.B.M.P. Dasarahalli Division

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